



Ontario

Ministry of the
Environment

Hon. William G. Newman, *Minister*
Everett Biggs, *Deputy Minister*

Water Resources
Bulletin 3-9
Surface Water Series

**SELECTED
STREAMFLOW
DATA
FOR ONTARIO
1974**

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STREAMFLOW
DATA FOR
ONTARIO
1974**

MINISTRY OF THE ENVIRONMENT
Water Resources Branch

TORONTO

ONTARIO

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INTRODUCTION

On April 1, 1974, the Ontario Ministry of the Environment re-organized its working structure from that with a centralized Toronto based organization, to a decentralized structure which provided for major Ministry offices in six regional centres across Ontario. With this re-organization, the responsibility for data collection fell to the Ministry's Regional Offices, while data assimilation, processing and publication remained the responsibility of Head Office.

This bulletin contains streamflow data collected during 1974 in five Ministry Regions by the Water Resource Assessment Units of the Technical Support Sections.

The data are presented in two sections. The first section, under the heading "Streamflow Stations", contains data for stations operated on a year-round basis, while the second section, entitled "Summer Gauging Sites", provides data for sites gauged during the summer period only with the aid of seasonal employees.

Enquiries concerning the data in this bulletin should be made to:

Hydrology & Monitoring Section,
Water Resources Branch,
135 St. Clair Ave. W.,
Toronto, Ontario.

Technical Support Section,
London Regional Office,
985 Adelaide St. S.,
London, Ontario.

Technical Support Section,
Kingston Regional Office,
133 Dalton St.,
Kingston, Ontario.

Technical Support Section,
Hamilton Regional Office,
140 Centennial Parkway N.,
Stoney Creek, Ontario.

Technical Support Section,
Toronto Regional Office,
150 Ferrand Drive,
Don Mills, Ontario.

Technical Support Section,
Sudbury Regional Office,
469 Bouchard St.,
Sudbury, Ontario.

DATA QUALITY

Many of the flows were determined by direct measurements; others are values calculated from a reading of water elevation and an empirically determined stage-discharge relationship.

The following terms are used to describe the quality of the records:-

- Excellent: Records obtained at a site where an intensive discharge measurement program has produced a well-defined and stable stage-discharge relationship.
- Good: Records obtained from a site where an intensive discharge measurement program has produced a well-defined stage-discharge relationship which is not completely stable due to minor shifting of the stream bed or other channel properties which control water levels.
- Fair: Records obtained from a site where scarcity of discharge measurements has permitted only moderate definition of the stage-discharge relationship.
- Poor: Records obtained from a site where an unstable control, poor discharge measurement section or discharge measurements has resulted in a poorly defined stage-discharge relationship.

OTHER DATA SOURCES

Ontario Ministry of the Environment, (Former Water Quantity Management Branch)

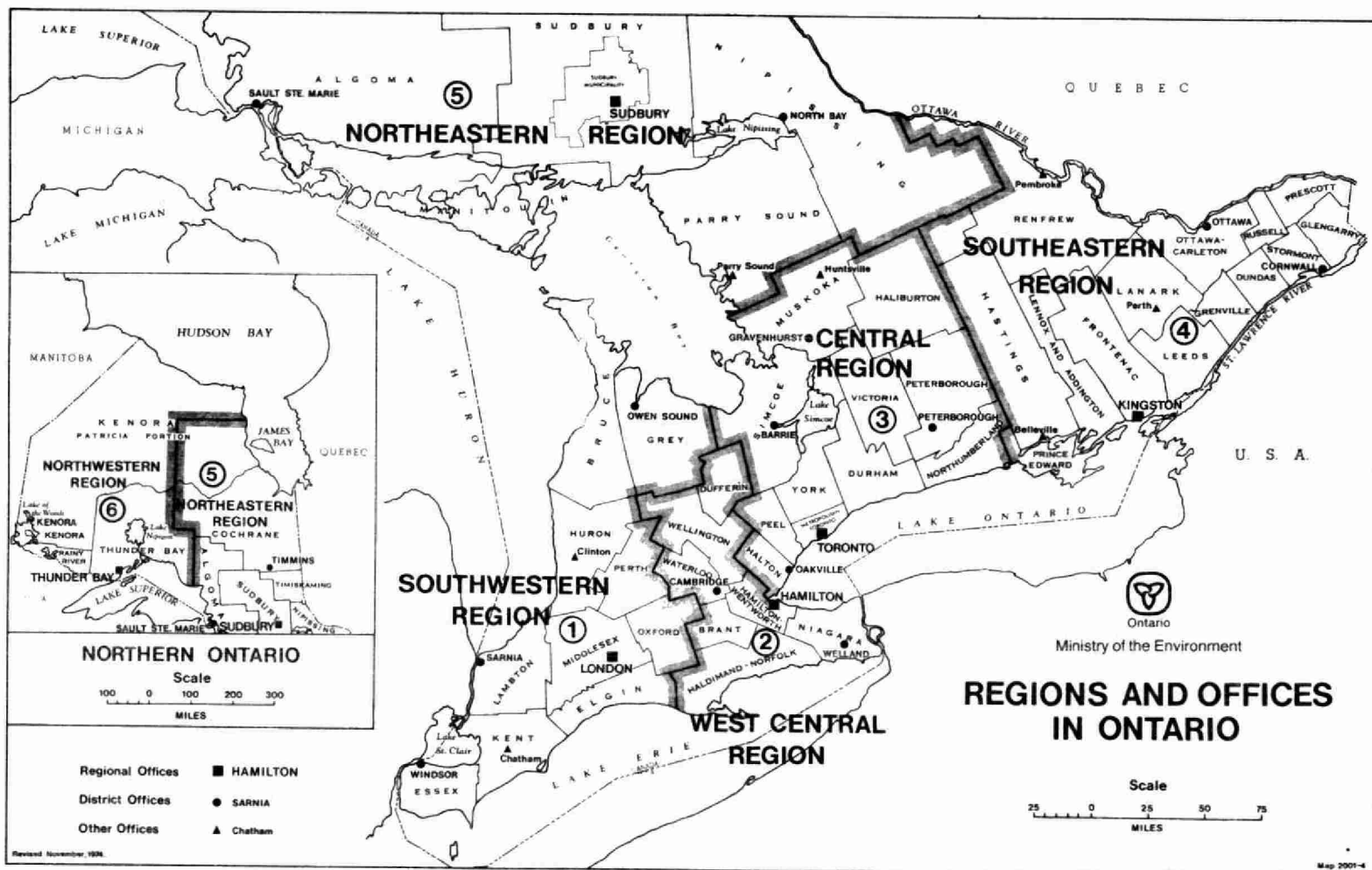
Data obtained in Northern Ontario until March, 1974 are published in bulletins entitled, "Data for Northern Ontario Water Resources Studies". Copies are available for most of these publications from the Hydrology and Monitoring Section, Water Resources Branch.

Water Survey of Canada -

Data collected by the Regional Offices on a daily basis throughout the year in Southern Ontario are not published in this bulletin. For convenience, these data are included in the Federal Government publication, "Surface Water Data - Ontario". That publication, which includes streamflow and water-level data for numerous rivers and lakes in the Province, is published annually by Water Survey of Canada. Enquiries should be made to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

UNITS AND ABBREVIATIONS

cfs	Cubic foot (feet) per second. This is the unit of streamflow rate used in this bulletin.
gpm	Gallons (Imperial) per minute.
mgd	Millions of gallons (Imperial) per day.
ac-ft	An acre-foot is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.
N.F.	No flow. This is used to indicate either no streamflow or a flow less than 0.05 cfs.
WPCP	Water Pollution Control Plant. 1 cfs = 374 gpm = 0.538 mgd 1 cfs for one day = 1.98 ac-ft
E	Estimated discharge.



AURORA CREEK NEAR AURORA

Station No. 02EC108

Location: At the bridge on St. Johns Side Road at Hwy. 11,
about 0.75 mile north of the Town of Aurora.

Gauge: Staff.

Drainage Area: 11.8 square miles.

Period of Record: March 1973 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	11.8	July 12	6.9	Oct. 22	8.7
		June 13	5.8	July 26	5.5		
		June 21	5.6	Aug. 6	5.9		
				Aug. 20	5.7		
				Aug. 23	5.5		
				Sept. 19	6.9		

BATTEAUX RIVER NEAR COLLINGWOOD

Station No. 02ED107

Location: At the bridge on Hwy. 26, about 2 miles east of the Town of Collingwood.

Gauge: None.

Drainage Area: 22.5 square miles.

Period of Record: May 1973 to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	16.7	July 2	3.1	Oct. 1	2.3
		June 5	5.8	July 16	1.1	Oct. 21	4.2
		June 18	5.6	Aug. 1	1.1	Nov. 13	6.9
				Aug. 15	0.6		
				Sept. 17	1.0		

BAYFIELD RIVER NEAR SEAFORTH

Station No. 02FF101

Location: At the bridge on Side Road 15, Township of Tuckersmith about 1.5 miles southwest of the Town of Seaforth.

Gauge: Measuring point.

Drainage Area: 32.3 square miles.

Period of Record: May 1967 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	74.8	July 12	2.1	Oct. 7	1.3
		Apr. 23	165.0	July 31	1.5	Oct. 17	1.1
		May 8	22.2	Aug. 14	0.9	Oct. 30	2.7
		May 29	16.9			Nov. 26	45.0
		June 11	4.7			Dec. 12	8.7
		June 24	9.6				

BEAVERTON RIVER NEAR CANNINGTON

Station No. 02EC102

Location: At the bridge on Brock Township Side Road 18, about 1 mile northwest of the Village of Cannington.

Gauge: Staff.

Drainage Area: 72.5 square miles.

Period of Record: November 1965 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 15	214.0	July 25	12.9	Oct. 16	58.7
		May 29	64.1	Aug. 7	50.7	Nov. 28	79.8
		June 13	15.5	Aug. 21	45.6	Nov. 28	73.6
		June 26	10.8	Sept. 10	38.6	Dec. 10	93.7

BLACK CREEK BELOW ACTON

Station No. 02HB106

Location: At the bridge on Concession 4, Township of Esquesing, about 1.5 miles southeast of the Town of Acton.

Gauge: On-Stream Recorder.

Drainage Area: 10.0 square miles.

Period of Record: April 1966 to December 1974.

Remarks: Records good. Temporary on-stream recorder installed May 1 to November 30, 1974. Discharge affected by regulation.

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	11.2		10.6	5.1	4.0	4.5		1
2	10.4		9.6	5.0	4.0	4.2		2
3	10.2		8.8	4.7	5.4	4.0		3
4	9.8		8.7	5.8	4.4	4.1		4
5	10.2		8.4	4.7	4.2	4.5		5
6	11.9		7.5	4.8	4.3	4.4		6
7	10.9		7.3	4.6	4.2	5.2	6.5	7
8	10.7		7.2	4.5	4.1	4.4	6.3	8
9	19.6	9.1	7.2	4.5	4.2	5.5	5.8	9
10	22.6	9.2	6.9	4.4	4.3		5.8	10
11	17.4	8.8	6.3	4.2	4.4		6.2	11
12	31.5	8.4	5.9	4.3	5.6		9.1	12
13	41.9	8.8	5.7	4.3	4.5		6.9	13
14	20.2	8.9	5.5	4.2	4.2		7.7	14
15	21.6	11.3	5.7	4.2	4.1		6.8	15
16	28.0	18.2	5.6	4.1	4.0		6.7	16
17	105.0E	15.1	5.5	4.0	4.2		7.0	17
18	52.5	8.7	5.7	4.0	4.6		7.1	18
19	28.6	15.2	5.3	4.2	4.4		6.3	19
20	21.6	16.4	5.0	4.3	4.2		20.4	20
21	17.1	16.2	4.8	4.2	4.1		12.8	21
22	21.3	13.6	4.8	4.2	4.4		8.0	22
23	18.9	11.7	5.0	4.4	4.3		8.0	23
24	9.6	11.5	5.1	4.4	4.4		8.9	24
25	9.8	15.6	5.2	4.3	4.5		8.9	25
26	10.9	14.1	5.5	4.4	4.4		8.8	26
27	11.6	12.6	5.4	4.4	4.1		8.8	27
28	11.6	11.5	4.7	4.4	5.4		8.9	28
29	13.0	12.0	5.5	4.3	5.9		8.5	29
30	14.1	11.7	5.4	4.3	4.4		7.9	30
31	12.8		5.2	4.2				31

BLACK RAPIDS CREEK NEAR MERIVALE

Station No. 02LA103

Location: At the culvert on Hwy. #16, about 1 mile east of the Hamlet of Merivale.

Gauge: Staff.

Drainage Area: 6.6 square miles.

Period of Record: May 1971 to December 1972, May to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	8.3	July 24	3.2	Nov. 13	1.7
		June 5	1.6	Aug. 8	N.F.		
		June 25	N.F.				

BLANCHE RIVER AT BELLE VALLEE

Station No. 02JC103

Location: At the bridge in the Hamlet of Belle Vallee
about 3.2 miles north of Hwy. 65.

Gauge: Measuring point.

Drainage Area: 1,780 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	38.1	July 10	46.0	Oct. 8	22.6
						Nov. 6	22.6

BRASSILS CREEK NEAR BURRITTS RAPIDS

Station No. 02LA110

Location: At the bridge on Carleton County Road 2, about
0.5 mile west of the Village of Burritts Rapids.

Gauge: Staff.

Drainage Area: 20.0 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 26	4.2	July 10	20.8	Oct. 18	0.7
				July 25	6.8	Oct. 28	0.7
				Aug. 13	2.6	Nov. 14	7.7
				Aug. 21	1.0		
				Sept. 6	0.7		

BRENNAN CREEK AT KILLALOE STATION

Station No. 02KC101

Location: About 200 feet downstream of the bridge on Queen Street in the Hamlet of Killaloe Station.

Gauge: Staff.

Drainage Area: 69.7 square miles.

Period of Record: May 1970 to October 1974.

Remarks: Records good. Temporary on-stream recorder installed 1971 to 1973.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 28	111.0	July 3	30.0	Oct. 30	16.3
		June 17	61.2	July 16	29.1		
				July 31	17.7		
				Aug. 14	15.9		
				Aug. 27	17.5		
				Sept. 17	13.2		

BRUCE CREEK NEAR UNIONVILLE

Station No. 02HC102

Location: About 600' upstream of the bridge on Markham Township Side,
 Road 20-21, 2.5 miles north of the Police Village of Union-
 ville.
 Gauge: On-Stream Recorder.
 Drainage Area: 11.7 square miles.
 Period of Record: June 1971 to November 1974.
 Remarks: Records good. Temporary on-stream recorder installed
 May 1 to November 30, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	8.1	5.4	5.9	3.1	2.8	4.2	3.6	1
2	6.4	4.8	4.7	3.1	2.6	6.4	3.5	2
3	6.0	4.6	37.8	3.3	3.5	3.6	3.3	3
4	5.9	5.3	15.4	3.3	3.3	3.5	3.7	4
5	5.6	3.4	12.1	3.1	2.8	3.4	3.8	5
6	7.7	3.4	7.1	2.8	2.6	3.3	5.0	6
7	7.6	3.4	5.3	2.8	2.5	3.2	4.2	7
8	6.6	2.9	4.2	3.0	2.6	3.2	3.6	8
9	14.6	2.5	3.6	2.6	2.4	3.4	3.3	9
10	14.8	2.3	3.3	2.3	2.3	3.4	3.4	10
11	9.0	2.6	3.4	2.2	2.4	3.3	3.2	11
12	43.0	2.9	3.0	2.1	2.4	3.4	4.4	12
13	41.5	3.1	2.8	2.6	2.7	3.6	6.0	13
14	18.6	3.6	2.8	2.5	2.6	4.9	4.8	14
15	16.6	7.8	3.1	2.3	2.5	6.0	4.5	15
16	17.7	10.8	2.7	2.1	2.4	4.3	3.8	16
17	53.2	6.2	2.7	2.1	2.5	3.7	3.5	17
18	23.8	5.4	2.9	2.2	3.0	3.5	3.5	18
19	18.3	7.9	3.0	2.1	2.8	3.4	3.3	19
20	7.4	10.8	2.6	1.8	2.6	3.5	5.9	20
21	8.9	6.8	2.6	1.8	2.5	3.4	14.9	21
22	7.7	5.2	2.4	2.3	2.5	3.5	7.2	22
23	7.0	4.3	2.4	2.1	2.5	3.8	5.2	23
24	6.4	4.1	2.5	2.9	2.5	3.6	5.3	24
25	5.8	7.8	2.6	2.5	2.8	3.5	4.9	25
26	7.0	9.2	2.8	2.4	3.3	3.4	4.6	26
27	6.2	8.0	3.1	3.8	2.9	3.4	4.4	27
28	5.8	5.5	3.0	3.8	3.1	3.3	4.3	28
29	9.2	6.8	2.9	3.0	5.3	3.3	4.1	29
30	7.9	8.1	3.3	2.7	4.6	3.5	3.9	30
31	6.0		3.5	2.8		3.7		31

BUTLER CREEK BELOW BRIGHTON

Station No. 02HD100

Location: At the wooden bridge on Harbour Street, about
1 mile south of the Village of Brighton.

Gauge: Staff.

Drainage Area: 11.7 square miles.

Period of Record: June 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	17.1	July 5	6.7	Oct. 1	3.0
		Apr. 24	12.8	July 11	2.8	Oct. 16	5.2
		May 14	17.8	July 18	2.6	Nov. 14	11.7
		June 19	6.2	Sept. 19	2.3		

CARRUTHERS CREEK NEAR AJAX

Station No. 02HC100

Location: At the bridge on Baseline Road, about 0.5 mile east of the Town of Ajax.

Gauge: Staff.

Drainage Area: 12.0 square miles.

Period of Record: April 1967 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	2.1	July 9	0.9	Oct. 15	1.1
		June 12	1.0	July 24	0.2		
		June 27	2.5	Aug. 8	0.1		
				Aug. 22	N.F.		
				Sept. 9	N.F.		

CENTENNIAL CREEK AT SCARBOROUGH

Station No. 02HC103

Location: At the Watson Farm property on Centennial Road below Lawson Road in the Borough of Scarborough.

Gauge: On-stream recorder.

Drainage Area: 1.7 square miles.

Period of Record: August 1973 to November 1974.

Remarks: Records good. Temporary on-stream recorder and Parshall Flume installed May 1 to November 1974.

Daily Drainage in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	1.0	0.75	1.0	0.08	0.08	0.93	0.48	1
2	1.1	0.61	0.64	0.08	0.09	1.2	0.46	2
3	1.2	0.56	1.2	0.08	0.51	0.87	0.68	3
4	1.1	0.48	0.73	0.14	0.19	0.82	0.90	4
5	1.6	0.44	0.47	0.09	0.12	0.66	1.2	5
6	3.1	0.45	0.36	0.06	0.11	0.64	1.2	6
7	2.1	0.45	0.29	0.05	0.11	0.67	0.79	7
8	2.0	0.45	0.23	0.05	0.10	0.60	0.65	8
9	7.7	0.41	0.18	0.04	0.11	0.62	0.56	9
10	3.5	0.50	0.20	0.04	0.12	0.57	0.55	10
11	2.5	0.43	0.18	0.04	0.11	0.55	0.83	11
12	8.5	0.49	0.17	0.03	0.18	0.53	2.0	12
13	5.5	0.83	0.16	0.05	0.16	0.43	1.4	13
14	3.5	0.72	0.14	0.03	0.10	1.4	1.7	14
15	3.8	2.9	0.12	0.03	0.09	0.81	1.1	15
16	3.9	2.6	0.11	0.03	0.08	0.63		16
17	3.7	1.4	0.10	0.13	0.30	0.56		17
18	2.5	2.0	0.12	0.07	0.46	0.47		18
19	2.0	6.8	0.09	0.04	0.18	0.44		19
20	1.6	4.8	0.09	0.03	0.15	0.40		20
21	1.5	2.3	0.08	0.03	0.20	0.42		21
22	1.4	1.6	0.08	0.02	0.20	0.47		22
23	1.2	1.2	0.08	1.3	0.19	0.62		23
24	1.0	1.3	0.09	0.48	0.23	0.46		24
25	0.92	1.4	0.08	0.20	0.35	0.57		25
26	0.91	1.1	0.10	0.15	0.30	0.40		26
27	1.1	0.78	0.12	0.25	0.36	0.34		27
28	1.2	0.66	0.07	0.16	1.2	0.35		28
29	2.1	2.3	0.20	0.12	1.9	0.36		29
30	1.3	1.6	0.16	0.11	0.71	0.55		30
31	1.0		0.13	0.12		0.50		31

CLEAR CREEK AT CLEAR CREEK

Station No. 02GC103

Location: At the concrete culvert on Norfolk County Road 9, in the Hamlet of Clear Creek.

Gauge: On-Stream Recorder.

Drainage Area: 27.4 square miles.

Period of Record: April 1967 to October 1974.

Remarks: Records good. Temporary on-stream recorder installed June 4 to October 28, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			38.2	11.9E	7.9	9.3		1
2			29.9	10.8E	7.4	8.6		2
3			25.2	11.4	9.8	8.5		3
4		24.3	22.2	11.5	9.1	8.4		4
5		23.0	19.7	11.1	7.6	8.4		5
6		21.7	18.2	10.7	7.1	8.3		6
7		20.9	17.0	10.1	6.8	8.8		7
8		20.4	16.2	10.2	6.7	9.3		8
9		22.2	15.6	10.5	6.7	9.4		9
10		20.1	15.1	9.4	6.6	9.5		10
11		19.0	15.2	8.9	6.7	9.5		11
12		17.8	12.7	7.5	7.0	9.5		12
13		16.2	12.2	7.5	7.3	9.2		13
14		17.0	11.6	7.5	7.2	9.5E		14
15		20.3	12.7	8.2	6.4	10.6E		15
16		50.9	11.6	8.0	6.2	9.8		16
17		33.0	10.2	10.7	6.3	9.2		17
18		25.7	10.0	16.4	7.8	9.1		18
19		36.0	9.5	12.0	7.3	9.1		19
20		41.2	8.5	10.2	7.2	9.2		20
21		36.8	7.8	9.3	7.1	9.4		21
22		30.2	7.2	9.0	6.8	9.5		22
23		23.6	6.4	8.6	6.6	9.6		23
24		20.7	6.7	8.3	6.8	9.6		24
25		24.9	6.7	8.0	6.7	9.7		25
26		30.7	6.1	7.8	7.9	9.8		26
27		28.7	6.6	7.6	7.1	9.7		27
28		24.8	6.4	7.6	16.5	10.4		28
29		29.8	6.1	7.5	12.9			29
30		43.4	19.9E	7.4	10.6			30
31			15.1E	7.6				31

COBBS LAKE CREEK AT ST. PASCHAL

Station No. 02LB100

Location: At the overflow from the infiltration gallery of the hamlet water supply, on Concession 1, Twp. of Clarence, about one mile northeast of the Hamlet of St. Paschal Baylon.

Gauge: On-stream recorder.

Period of Record: July 1973 to November 1974.

Remarks: Temporary on-stream recorder with 90° V-notch weir installed August 1 to November 22, 1974.

Daily Mean Flows In Imperial Gallons Per Minute

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				4.8	9.7	0.4	0.0	1
2				19.4	0.4	0.0	0.0	2
3				39.6	0.4	0.0	0.0	3
4				42.9	0.0	0.0	11.5	4
5				19.4	0.0	0.0	3.0	5
6				0.4	0.0	0.0	2.2	6
7				11.6	0.8	0.0	7.1	7
8				42.9	2.2	0.0	2.2	8
9				24.3	0.0	0.0	0.0	9
10				14.9	0.0	0.0	0.0	10
11				14.9	0.0	0.0	0.0	11
12				3.0	0.0	0.0	0.0	12
13				0.0	0.0	0.0	68.7	13
14				0.0	0.0	0.0	46.6	14
15				0.4	0.0	7.1	42.9	15
16				1.1	0.0	0.0	13.1	16
17				4.8	0.0	0.0	9.7	17
18				7.1	0.0	0.0	9.7	18
19				8.6	0.0	0.0	13.1	19
20				6.0	0.0	0.0	29.9	20
21				1.9	0.0	0.0	114.0	21
22				0.4	0.0	0.0	78.8	22
23				0.0	0.4	0.4		23
24				0.0	0.8	0.0		24
25				0.0	3.0	0.0		25
26				0.0	1.9	0.0		26
27				0.0	0.4	0.0		27
28				3.0	0.4	0.0		28
29				3.7	11.6	0.0		29
30				2.2	4.8	0.0		30
31				6.0		0.0		31

COBOURG BROOK AT COBOURG

Station No. 02HD103

Location: At the bridge adjacent to the WPCP in the Town of Cobourg.Gauge: Wire Weight.Drainage Area: 48.7 square miles.Period of Record: July 1966 to December 1974.Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 13	132.0	July 9	27.5	Oct. 16	33.3
		May 31	39.9	July 24	24.5	Nov. 15	48.7
		June 19	30.9	Aug. 9	33.7		
				Aug. 22	27.7		
				Sept. 9	33.2		

COCKBURN CREEK NEAR SMITHS FALLS

Station No. 02LA111

Location: At the bridge on Hwy. #43, about 1.5 miles west of the Town of Smiths Falls.

Gauge: Staff.

Drainage Area: 20.5 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 27	2.6	July 11	2.4	Oct. 18	3.5
				July 26	1.0	Nov. 14	3.0
				Aug. 13	1.0		

COLBORNE CREEK AT LAKEPORT

Station No. 02HD102

Location: At the bridge in the Hamlet of Lakeport on the road leading to the Village of Colborne.

Gauge: Staff.

Drainage Area: 17.0 square miles.

Period of Record: July 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 14	29.8	July 5	21.0	Oct. 1	8.6
		May 23	14.0	July 11	10.4	Oct. 16	10.4
		June 6	18.0	July 18	9.6	Nov. 5	15.0
		June 19	16.4	Aug. 2	8.0	Nov. 14	19.0
				Aug. 15	6.8		
				Aug. 29	8.4		
				Sept. 19	8.0		

CREDIT RIVER AT GLEN WILLIAMS

Station No. 02HB102

Location: At the bridge on Halton County Road 13, in the Village of Glen Williams.

Gauge: Measuring point.

Drainage Area: 180 square miles.

Period of Record: May 1968 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 8	179	July 4	139	Oct. 9	93.6
		June 21	201	July 17	96.7		
				Aug. 1	105		
				Aug. 14	90.5		
				Aug. 29	80.2		
				Sept. 11	88.2		

WEST CREDIT RIVER AT BELFOUNTAIN

Station No. 02HB104

Location: At the bridge on Peel County Road 11, in the Hamlet of Belfountain.

Gauge: Measuring point.

Drainage Area: 39.3 square miles.

Period of Record: June 1968 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 24	73.9	July 4	32.4	Oct. 9	26.0
		June 8	44.6	July 17	30.2		
		June 21	39.5	Aug. 1	28.0		
				Aug. 14	24.3		
				Aug. 29	20.4		
				Sept. 11	29.4		

DIXON CREEK AT HWY. 11B

Station No. 02JE105

Location: 100 feet upstream of the bridge on Hwy. 11B,
20 miles south of the Town of New Liskeard.

Gauge: Measuring point.

Drainage Area: 19.8 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	9.0	July 10	15.4	Oct. 10	7.4
		June 27	1.5			Nov. 7	7.9

DODD CREEK NEAR TALBOTVILLE ROYAL

Station No. 02GC110

Location: At the bridge on the side road leading west off Hwy. 4, about 1.5 miles northwest of the Hamlet of Talbotville Royal.

Gauge: Measuring point.

Drainage Area: 8.8 square miles.

Period of Record: May 1972 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 8	1.3	July 11	0.1	Oct. 8	2.0
		May 28	2.4	Aug. 25	1.9	Oct. 18	2.1
		June 14	1.9	Aug. 29	1.9	Oct. 31	2.5
		June 25	2.5	Sept. 16	1.9	Nov. 15	3.8
						Nov. 27	2.5
						Dec. 11	2.9

DUCK CREEK AT CHALK RIVER

Station No. 02KA101

Location: About 100 feet downstream of Hwy. 17
in the village of Chalk River.

Gauge: Measuring point.

Drainage Area: 4.8 square miles.

Period of Record: May 1973 to September 1974.

Remarks: Records fair. See following page for previously
unpublished 1973 data.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 17	6.0	July 3	2.8		
				July 16	1.6		
				July 31	2.9		
				Aug. 14	2.7		
				Aug. 27	2.1		
				Sept. 17	1.7		

Duck Creek at Chalk River

Station No. 02KA101

1973							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 15	13.1	July 4	15.5	Oct.10	2.4
		June 5	9.6	Aug. 2	5.5		
		June 19	22.2	Sept.12	3.8		
				Sept.24	6.4		

EIGHT MILE CREEK NEAR ST. CATHARINES
Station No. 02HA101

Location: At the bridge on Lakeshore Road, about 1.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage Area: 3.9 square miles.

Period of Record: August 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	1.4	July 3	0.3	Oct. 21	0.4
		Apr. 25	1.7	July 17	0.2		
		May 7	1.2	Aug. 1	0.6		
		May 14	4.7	Aug. 22	0.1		
		May 27	0.4	Sept.17	1.1		
		June 12	0.9				

FORTY MILE CREEK AT GRIMSBY

Station No. 02HA100

Location: At the bridge on the Queen Elizabeth Way, above the WPCP in the Town of Grimsby.

Gauge: Staff.

Drainage Area: 22.1 square miles.

Period of Record: September 1966 to December 1974.

Remarks: Records poor.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 7	6.0	July 3	0.3		
		May 14	140	July 17	0.1		
		May 27	1.3	Aug. 1	0.1		
		June 12	0.2	Aug. 22	N.F.		

FOUR MILE CREEK NEAR NIAGARA-ON-THE-LAKE

Station No. 02HA103

Location: Beside Lincoln County Road 2, about 1 mile south of the intersection with Lakeshore Road.

Gauge: Staff.

Drainage Area: 16.9 square miles.

Period of Record: August 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	9.5	July 3	0.7		
		Apr. 25	4.6	July 17	0.3		
		May 7	7.5	Aug. 1	0.7		
		May 14	21.1	Aug. 22	0.2		
		May 27	2.3	Sept.17	0.3		
		June 12	0.4				

GAGE CREEK AT PORT HOPE

Station No. 02HD104

Location: At the bridge on Hwy. 2 about 1 mile east of the Town of Port Hope.

Gauge: Staff.

Drainage Area: 16.7 square miles.

Period of Record: August 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 31	7.5	July 9	3.8	Oct. 15	7.0
		June 19	6.3	July 11	5.7	Nov. 4	22.2
				July 24	3.7	Nov. 15	8.4
				Aug. 9	3.6	Dec. 12	8.4
				Aug. 22	2.0		
				Sept. 9	4.2		

GERMAN MILLS CREEK BELOW RICHMOND HILL

Station No. 02HC101

Location: At the bridge on 16th Avenue, about 0.3 mile east of Hwy. 11 in the Hamlet of Richvale.

Gauge: Staff.

Drainage Area: 3.7 square miles.

Period of Record: November 1965 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 18	4.5	Apr. 22	5.2	July 12	3.5	Oct. 10	2.0
		June 13	2.5	July 26	2.8	Oct. 23	4.0
		June 21	2.8	Aug. 6	3.7	Nov. 7	3.5
				Aug. 14	3.2		
				Aug. 20	3.5		
				Aug. 23	3.5		
				Sept. 18	4.1		
				Sept. 19	4.1		

GRAHAM CREEK AT OTTAWA

Station No. 02LA113

Location: At the intersection of the Queensway and Richmond Road, in the City of Ottawa.

Gauge: Staff.

Drainage Area: 7.8 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 25	2.7	July 9	1.7	Oct. 3	1.5
				July 24	5.7	Oct. 17	1.6
				Aug. 8	2.5	Oct. 29	1.6
				Aug. 20	1.8	Nov. 13	6.2
				Sept. 5	1.8		
				Sept. 17	1.6		

GRAHAM CREEK AT NEWCASTLE

Station No. 02HD105

Location: At the concrete bridge on Mill Street, about 0.5 mile south of Hwy. 401 in the Village of Newcastle.

Gauge: Staff.

Drainage Area: 33.3 square miles.

Period of Record: November 1965 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 13	150	July 9	7.6	Oct. 15	21.3
		May 31	14.2	July 11	13.1	Nov. 4	21.5
		June 19	11.3	July 24	7.0	Nov. 15	27.0
				Aug. 9	7.5	Dec. 13	45.8
				Aug. 22	6.7		
				Sept. 9	8.3		
				Sept. 25	9.4		

GREER CREEK NEAR PERTH

Station No. 02LA112

Location: At the township road culvert, Lot 12, Concession 1, Township of Bathurst about 6 miles west of the Town of Perth.

Gauge: Staff.

Drainage Area: 10.3 square miles.

Period of Record: July to November 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				Aug. 26	N.F.	Oct. 2	N.F.
				Sept. 6	N.F.	Oct. 17	N.F.
				Sept. 16	N.F.	Oct. 28	N.F.
						Nov. 14	0.4
						Nov. 26	7.2

HARMONY CREEK AT OSHAWA

Station No. 02HD107

Location: At the bridge on Bloor Street East in the City of Oshawa.

Gauge: Staff.

Drainage Area: 14.8 square miles.

Period of Record: April 1967 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	2.6	July 9	1.9	Oct. 15	2.7
		June 12	2.0	July 24	1.4	Nov. 15	2.9
		June 26	4.2	Aug. 8	1.2		
				Aug. 22	1.2		
				Sept. 9	1.0		

HARP LAKE INFLOW NEAR HUNTSVILLE

Station No. 02EB110

Location: At the northwest corner of Harp Lake, about 100 feet upstream of the lake, about 6 miles northeast of the Town of Huntsville.

Gauge: Staff.

Drainage Area: 0.8 square miles.

Period of Record: May 1973 to August 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 9	2.6	July 10	0.1		
		May 28	0.9	July 24	0.1		
		June 12	0.1	Aug. 8	0.2		
		June 25	0.1	Aug. 21	N.F.		
				Aug. 30	N.F.		

HARP LAKE OUTFLOW NEAR HUNTSVILLE

Station No. 02EB113

Location: At the southeast corner of Harp Lake, about 50 feet downstream of the lake, about 6 miles northeast of the Town of Huntsville.

Gauge: Staff.

Drainage Area: 2.5 square miles.

Period of Record: July to August 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 9	7.4	July 10	0.5		
		May 28	2.8	July 24	0.2		
		June 12	0.6	Aug. 8	0.2		
		June 25	0.9	Aug. 21	0.8		
				Aug. 30	0.8		

HOPPLE CREEK NEAR INGLESIDE

Station No. 02MC103

Location: At the bridge on Stormont County Road 18A, about
1 mile north of the Hamlet of Ingleside.

Gauge: Measuring point.

Drainage Area: 25.1 square miles.

Period of Record: June 1973 to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	29.4	July 8	1.9		
		May 30	21.7	July 23	2.0		
		June 13	4.1	Aug. 7	1.0		
		June 24	7.1	Sept. 4	0.3		

HUNSBURGER CREEK NEAR WILMOT CENTRE

Station No. 02GA101

Location: On the west side of Twp. Road 16, about 0.2 miles south of the intersection with Bleams Road, 1 mile east of the settlement of Wilmot Centre.

Gauge: Parshall Flume

Drainage Area: 1.0 square miles.

Period of Record: April 1972 to October 1974.

Remarks: Records good. Data for 1973 and 1974 not published. Temporary on-stream recorder and Parshall Flume installed March 13 to October 18, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	Mar.	Apr.	June	July	Aug.	Sept.	Oct.	Day
1				1.1		1.2	1.2	1
2				1.2		1.2	0.97	2
3				1.1		1.2	1.1	3
4							1.3	4
5		2.1					1.1	5
6		1.7	1.7				9.91	6
7		1.8	1.6				0.92	7
8		1.7	1.5				0.91	8
9		1.7	1.4				0.93	9
10		1.7	1.4				0.88	10
11		1.6	1.3				0.93	11
12		1.8	1.3				1.0	12
13	1.3	1.9	1.2				1.0	13
14	1.4	1.8	1.2				1.3	14
15	1.4	1.7	1.5				1.0	15
16	1.5	1.6	1.3				1.0	16
17	1.4	1.5	1.2				1.0	17
18		1.5	1.3				0.97	18
19	1.4	1.5	1.8		1.1			19
20	1.4	1.5	1.3		1.1			20
21	1.5	1.5	1.5		1.1			21
22	1.3		1.2		1.0			22
23	1.3		1.2		1.1			23
24	1.4	1.6	1.2		1.1	0.92		24
25	1.4	1.5	1.2		1.1	1.0		25
26	1.3	1.5	1.2		1.0	0.99		26
27	1.3	1.5	1.1		1.2	0.98		27
28	1.3	1.6	1.1		1.2	1.1		28
29	1.4	1.7	1.2		1.1	1.4		29
30	1.6	1.6	1.3		1.1	1.0		30
31	1.8				1.1			31

LA RUE CREEK NEAR LANSDOWNE

Station No. 02MB102

Location: At the bridge on Hwy. 2, about 3 miles southeast of the Hamlet of Lansdowne.

Gauge: Measuring point.

Drainage Area: 2.8 square miles.

Period of Record: March 1973 to September 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 11	7.2	Apr. 17	3.7	July 8	N.F.		
		Apr. 30	2.7	July 23	N.F.		
		May 17	4.3	Aug. 7	N.F.		
		May 22	0.8	Sept. 4	N.F.		
		May 30	0.2				
		June 13	N.F.				
		June 24	N.F.				

LATOUR CREEK AT HWY. 567

Station No. 02JE102

Location: 50 feet upstream of the culvert under Hwy. 567,
11 miles north of the Town of Haileybury.

Gauge: Measuring point.

Drainage Area: 42.0 square miles.

Period of Record: June to October 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	37.7	July 10	30.9	Oct. 10	9.3
		June 26	19.9				

LITTLE CATARAQUI CREEK NEAR KINGSTON

Station No. 02HM101

Location: At the culvert on Hwy. 401, about 1 mile east of Sydenham Road in the City of Kingston.

Gauge: Staff.

Drainage Area: 8.2 square miles.

Period of Record: May 1971 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 25	14.4	July 5	N.F.		
		May 22	4.3	July 23	N.F.		
		May 31	3.7	Aug. 7	N.F.		
		June 14	1.4				

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 9	12.6	July 2	2.2	Oct. 22	0.4
		Apr. 22	61.7	July 24	2.0	Nov. 21	28.0
		May 7	17.4	Aug. 8	0.5E	Dec. 5	2.0
		June 5	4.0	Sept. 5	0.5E		
		June 19	7.7	Sept. 24	0.5E		

LUCKNOW RIVER NEAR LUCKNOW

Station No. 02FD102

Location: At the bridge on Huron County Road 27, about 1.5 miles below the Hamlet of Lucknow.

Gauge: Staff.

Drainage Area: 48.7 square miles.

Period of Record: January 1969 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	93.2	July 2	25.5	Oct. 8	26.0
		Apr. 25	100.0	July 16	22.0	Oct. 11	15.7
		May 7	107	July 23	12.6	Oct. 25	21.7
		May 15	102	Aug. 7	21.4	Oct. 31	41.0
		May 22	127	Aug. 8	29.0	Nov. 6	64.1
		June 5	41.2	Aug. 20	47.0	Nov. 19	77.0
		June 18	42.2	Aug. 28	28.0	Dec. 4	57.3
				Sept. 17	20.0	Dec. 11	70.0

LUCKNOW RIVER AT PORT ALBERT

Station No. 02FD103

Location: At the concrete bridge on Hwy. 21 near the Hamlet of Port Albert.

Gauge: Staff.

Drainage Area: 89.3 square miles.

Period of Record: July 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	134.	July 2	37.0	Oct. 9	28.0
		May 7	168	July 23	23.4	Oct. 11	23.9
		May 22	191	Aug. 7	25.4	Oct. 25	29.1
		June 5	57.3	Aug. 8	26.0	Oct. 29	24.0
		June 6	66.0	Aug. 20	17.3	Nov. 6	84.5
		June 18	57.8	Aug. 28	23.0	Nov. 19	126
				Sept. 6	15.8	Dec. 4	64.2
				Sept. 19	18.0		
				Sept. 25	15.4		

LYNN RIVER AT PORT DOVER

Station No. 02GC102

Location: At the old dam site upstream of Silver Lake in the Town of Port Dover.

Gauge: Staff.

Drainage Area: 56.5 square miles.

Period of Record: April 1965 to December, 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 8	72.0	July 8	47.9	Oct. 15	38.0
		May 15	138	July 18	41.6	Nov. 22	63.6
		May 28	83.4	Aug. 2	45.0		
		June 11	61.4	Aug. 19	37.9		
				Sept. 11	32.2		

MADOC CREEK AT MADOC

Station No. 02HL106

Location: At the bridge on Hwy. 62, about 0.1 miles north of Hwy. 7 in the Village of Madoc.

Gauge: Wire Weight.

Drainage Area: 25.4 square miles.

Period of Record: April 1971 to October 1974.

Remarks: Records good. Daily gauge reader July 4 to September 30, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				5.6	3.7			1
2					3.7			2
3					2.0			3
4			13.8		2.1			4
5			11.9		1.6			5
6			11.9		1.4			6
7			9.2	5.5	1.3			7
8			5.5	3.7	1.3			8
9			4.6	2.3	1.5			9
10			5.5	2.1	2.9			10
11			4.9	1.6	2.9			11
12			4.0	2.9	2.9			12
13			3.2	6.2	3.2			13
14			3.2	2.3	3.2			14
15			2.9	2.3	2.9			15
16			2.1	2.1	2.4			16
17			2.3	2.6	2.1			17
18		31.2	1.0	3.2	1.8			18
19			0.8	4.3	2.1			19
20			1.3	4.0	2.1			20
21	53.1		0.6	3.7	1.8			21
22			0.4	3.4	1.7			22
23			N.F.	2.8	1.7			23
24			1.8	2.6	2.0			24
25			3.2	2.8	1.8			25
26			4.6	2.8	1.8			26
27			4.6	4.3	2.3			27
28			9.2	4.0	3.7			28
29	35.6		9.2	4.3	10.1			29
30			9.2	3.7	7.3	7.2		30
31			9.2	3.7				31

MATCHEDASH RIVER NEAR LOVERING

Station No. 02ED106

Location: At the bridge on Simcoe County Road 17, about 3 miles northeast of the Settlement of Lovering.

Gauge: Staff.

Drainage Area: 31.1 square miles.

Period of Record: June to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 22	80.7	July 3	35.1		
		June 4	6.7	July 16	0.9		
		June 19	19.3	Aug. 2	0.5		
				Aug. 16	0.1		
				Sept.17	1.6		

MAYHEW CREEK NEAR TRENTON

Station No. 02HK109

Location: At the bridge on Side Road 14-15, Township
of Murray, about 2.5 miles west of the Town of Trenton.

Gauge: On-Stream Recording.

Drainage Area: 4.7 square miles.

Period of Record: July 1973 to December 1974.

Remarks: Records good. Temporary on-stream recorder installed
June 14 to December 9, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1		17.5E	3.4	1.6	2.6	3.6	2.5	1
2		16.8E	2.8	1.7	3.5	2.3	2.6	2
3		20.5E	2.6	2.7	2.7	1.5	3.1	3
4		11.9	2.7	3.4	2.5	2.8	2.8	4
5		4.3	2.9	2.7	2.7	2.7	3.0	5
6		2.8	2.3	2.1	1.3	2.6	2.8	6
7		2.4	2.3	2.0	4.1	2.4	2.7	7
8		2.3	1.9	2.0	2.6	2.3	8.1	8
9		2.1	1.8	2.0	1.4	2.5	8.8	9
10		3.5	1.5	1.8	2.3	4.0		10
11		2.0	1.7	1.5	2.3	2.8		11
12		1.8	2.1	2.2	2.4	4.6		12
13		1.5	3.0	2.2	2.2	6.1		13
14	3.0	2.1	3.1	1.6	6.9	5.5		14
15	3.7	2.0	2.4	1.4	7.0	3.7		15
16	6.2	1.5	2.3	3.3	3.3	3.2		16
17	9.2	1.6	2.8	4.0	3.4	2.4		17
18	5.0	1.8	3.0	2.5	3.2	3.0		18
19	6.7	1.7	2.7	1.8	2.6	2.3		19
20	10.9	2.1	2.4	1.6	2.4	8.8		20
21	6.1	1.2	2.5	1.5	2.5	11.3		21
22	9.7	1.4	2.2	1.6	2.2	6.4		22
23	9.4	1.1	2.0	1.4	2.5	4.9		23
24	9.5	2.1	1.8	1.3	1.8	4.5		24
25	9.5	1.4	1.9	2.7	2.1	4.3		25
26	13.4	2.5	1.8	3.4	3.0	2.8		26
27	13.4	6.3	4.9	2.0	1.5	2.6		27
28	13.7	7.1	3.5	3.9	1.8	2.8		28
29	17.5E	6.1	2.9	6.3	2.2	3.2		29
30	18.9E	6.5	2.5	3.9	2.5	2.5		30
31		4.3	1.4		4.8			31

MCGREGOR CREEK NEAR RIDGETOWN

Station No. 02GE103

Location: At the concrete culvert on Concession 5, Township of Howard, about 4 miles northwest of the Town of Ridgetown.

Gauge: Staff.

Drainage Area: 10.1 square miles.

Period of Record: May 1971 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	26.5	July 11	2.8	Oct. 8	1.8
		May 28	6.8	July 30	3.0	Oct. 18	1.5
		June 14	4.8	Aug. 15	3.5	Oct. 31	2.5
		June 25	3.6	Aug. 25	1.2	Nov. 15	8.5
				Aug. 29	1.4	Nov. 27	9.6
				Sept. 19	1.5		

MILL CREEK NEAR DELAWARE

Station No. 02GE105

Location: Downstream of the road through the Mill Stream
Conservation area, about 1.5 miles west of the Police
Village of Delaware.

Gauge: None.

Drainage Area: 5.7 square miles.

Period of Record: August 1973 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	18.0	July 11	2.8	Oct. 8	1.9
		May 29	7.5	Aug. 15	2.5	Oct. 18	2.1
		June 13	3.7	Aug. 25	1.9	Oct. 31	2.4
		June 25	3.9	Aug. 29	1.7	Nov. 15	3.5
				Sept. 19	2.3	Nov. 27	4.3
						Dec. 11	3.5

MOOSE CREEK NEAR BELLE VALLEE

Station No. 02JC102

Location: 20 feet downstream of bridge on Casey Township
Concession Road near the Hamlet of Belle Vallee.

Gauge: Measuring point.

Drainage Area: 25.0 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	6.4	July 12	5.3	Oct. 8	11.6
		June 27	1.7			Nov. 6	9.2

MOSQUITO CREEK NEAR JOHNSTON CORNERS

Station No. 02LA107

Location: At the township road bridge at Lot 19, Concession 1, Township of Gloucester, about 3 miles northwest of the Settlement of Johnston Corners.

Gauge: Staff.

Drainage Area: 12.1 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 26	1.0	July 10	0.5	Oct. 2	0.5E
				July 25	1.4	Oct. 18	0.5E
				Aug. 9	0.6	Oct. 28	0.5E
						Nov. 14	5.0

MOUNT ALBERT CREEK NEAR MOUNT ALBERT

Station No. 02EC104

Location: At the bridge on Doanes Side Road, about 2.5 miles north of the Police Village of Mount Albert.

Gauge: Staff.

Drainage Area: 24.3 square miles.

Period of Record: July 1970 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 13	7.5	July 12	7.4	Oct. 23	14.2
		June 21	7.7	July 26	10.0		
				Aug. 6	9.6		
				Aug. 20	10.7		
				Aug. 23	10.1		
				Sept. 19	9.6		

MUD CREEK NEAR MANOTICK

Station No. 02LA108

Location: At the bridge on Carleton Country Road 8, about
1 mile west of the Police Village of Manotick.

Gauge: Staff.

Drainage Area: 20.8 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 26	3.2	July 10	2.6	Oct. 2	1.5
				July 25	2.6	Oct. 18	2.2
				Aug. 9	4.2	Nov. 14	5.1
				Aug. 21	1.6		
				Sept. 6	1.4		
				Sept. 16	1.3		

NEPEAN CREEK AT OTTAWA

Station No. 02LA106

Location: At the bridge on Hwy. 16 about 0.25 mile south
of the intersection with Fisher Road in the City of Ottawa.

Gauge: None.

Drainage Area: 3.7 square miles.

Period of Record: June to November 1974.

Remarks: Periodic site measurements only.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 5	3.1	July 9	1.4		
		June 25	1.9	July 24	6.1		
				Aug. 8	0.7		
				Sept. 5	0.5		

NITH RIVER NEAR AYR

Station No. 02GA102

57

Location: In the private park, lot 37, concession 8, Township of North Dumfries, about 0.5 mile upstream of the Canadian Pacific Railways Bridge, in the Village of Ayr.

Gauge: On-stream recorder.

Drainage Area: 335 square miles.

Period of Record: September 1973 to November 1974

Remarks: Records good. Temporary on-stream recorder installed July 8 to November 26, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				74.1	55.8	90.0	74.2	1
2				69.5	55.8	89.4	72.6	2
3				74.1	60.7	98.6	81.9	3
4				89.4	60.1	92.1	89.9	4
5				74.3	59.0	83.4	95.5	5
6				65.6	58.6	83.4	107.0	6
7				62.7	62.7	79.9	109.0	7
8			81.3	61.4	56.8	74.1	105.0	8
9			78.3	60.5	52.7	73.2	97.0	9
10			74.2	59.2	51.4	71.1	88.6	10
11			69.9	58.6	51.0	69.0	83.7	11
12			67.5	63.5	62.2	67.7	104.0	12
13			65.1	62.8	79.9	66.1	118.0	13
14			67.4	59.0	71.3	77.4	127.0	14
15			118.0	57.4	63.8	86.4	124.0	15
16			117.0	57.4	59.3	84.1	114.0	16
17			106.0	63.1	57.0	82.3	114.0	17
18			90.6	55.9	56.8	76.9	111.0	18
19			86.1	52.4	57.7	72.7	110.0	19
20			82.4	50.2	57.9	70.9	161.0	20
21			78.2	48.7	57.2	69.1		21
22			74.7	49.0	55.5	81.4		22
23			70.9	55.4	54.9	81.2		23
24			70.0	70.0	54.4	75.7	224.0	24
25			67.5	59.3	57.1	74.8	215.0	25
26			69.6	57.0	63.0	70.0	197.0	26
27			75.8	55.0	62.5	68.0		27
28			84.2	55.1	66.4	67.4		28
29			78.1	54.0	97.5	66.4		29
30			75.2	53.3	94.1	72.7		30
31			77.2	55.1		75.3		31

NITH RIVER NEAR AYR

Station No. 02GA102

Remarks: Records fair. Temporary on-stream recorder installed September 20 to November 14, 1973.

Daily Discharge in Cubic Feet Per Second

1973								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1						54.6	183.0	1
2						55.1	162.0	2
3						57.8	166.0	3
4						58.7	143.0	4
5						58.0	150.0	5
6								6
7						58.1	127.0	7
8						58.9	109.0	8
9						57.0	98.2	9
10						55.9	92.4	10
						56.1	86.9	
11								11
12						55.4	82.0	12
13						55.2	84.3	13
14						54.8	77.8	14
15						55.1	76.1	15
						64.7		
16								16
17						61.3		17
18						58.9		18
19						57.8		19
20						59.3		20
					54.9	60.6		
21								21
22					54.8	61.6		22
23					63.8	61.3		23
24					84.6	59.2		24
25					74.7	57.7		25
					73.9	56.0		
26								26
27					70.1	54.4		27
28					66.5	53.9		28
29					61.3	58.5		29
30					59.5	85.0		30
31					57.5	135.0		31
						141.0		

NONQUON RIVER NEAR PORT PERRY

Station No. 02HG101

Location: At the bridge on Ontario County Road 9, about 2.5 mile northwest of the Village of Port Perry.

Gauge: Staff.

Drainage Area: 22.0 square miles.

Period of Record: May 1973 to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 20	5.8	July 12	3.3		
				July 24	1.6		
				Aug. 9	N.F.		
				Aug. 23	N.F.		
				Sept. 13	N.F.		

ORCHARD CREEK NEAR MEAFORD

Station No. 02FB100

Location: At the bridge on Concession 6, Township of Saint Vincent about 1 mile north west of the Town of Meaford.

Gauge: Staff.

Drainage Area: 5.8 square miles.

Period of Record: May 1973 to December 1974.

Remarks: Record good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 21	3.0	July 22	N.F.	Oct. 10	1.2
		June 7	1.1	Aug. 6	0.5E	Oct. 22	0.8
		June 17	2.6	Aug. 19	N.F.	Nov. 21	20.6
				Sept. 5	N.F.	Dec. 3	2.0
				Sept. 24	0.5E		

PENETANGORE RIVER AT KINCARDINE

Station No. 02FD100

Location: At the concrete bridge on Russel Street in the Town of Kincardine.

Gauge: Staff.

Drainage Area: 36.5 square miles.

Period of Record: May 1967 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	27.0	July 1	4.4	Oct. 8	11.0
		Apr. 22	20.3	July 16	5.0	Oct. 11	1.4
		Apr. 25	30.0	July 23	0.8	Oct. 24	3.3
		May 2	24.0	Aug. 8	5.0	Oct. 31	17.0
		May 7	34.3	Aug. 28	8.0	Nov. 6	27.3
		May 9	36.0	Sept. 6	0.6	Nov. 19	37.0
		May 22	30.3	Sept. 17	6.0	Dec. 4	21.1
		June 6	15.0	Sept. 25	2.5	Dec. 10	43.0
		June 18	13.0				

PENETANGORE RIVER NEAR KINCARDINE
(BERVIE BRANCH)

Station No. 02FD105

Location: At the bridge on Concession 3, Township of Kincardine,
about 1 mile southeast of the Town of Kincardine.

Gauge: Staff.

Drainage Area: 17.8 square miles.

Period of Record: August 1969 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	7.5	Aug. 7	N.F.	Nov. 6	7.9
		Apr. 25	7.5	Aug. 20	N.F.	Nov. 22	64.1
		May 7	16.8	Sept. 6	N.F.	Dec. 4	13.8
		May 9	13.0	Sept. 25	N.F.		
		May 22	11.7				

PENETANGORE RIVER NEAR KINCARDINE
(MILLARTON BRANCH)
Station No. 02FD104

Location: At the culvert on Side Road 1, Township of Kincardine,
about 0.5 mile east of the Town of Kincardine.

Gauge: Staff.

Drainage Area: 6.9 square miles.

Period of Record: August 1968 to December 1974..

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	11.9	July 1	0.5E	Oct. 8	0.7
		Apr. 22	3.5	Aug. 7	0.5E	Oct. 11	0.5
		Apr. 25	4.2	Aug. 20	N.F.	Oct. 12	0.6
		May 2	4.6	Sept. 6	N.F	Oct. 31	2.1
		May 7	6.8	Sept. 25	0.5E	Nov. 6	4.1
		May 9	4.6			Nov. 19	5.3
		May 22	3.9			Nov. 22	21.7
		June 6	0.7			Dec. 4	4.2
		June 18	0.5				

POTTAWATOMI RIVER AT OWEN SOUND

Station No. 02FB102

Location: At the bridge on 14th Street West in the City
of Owen Sound

Gauge: Measuring point.

Drainage Area: 22.6 square miles.

Period of Record: May 1967 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	146.0	July 1	11.2	Oct. 10	12.9
		Apr. 22	46.2	July 22	5.4	Nov. 5	33.2
		May 7	59.6	Aug. 6	8.1	Dec. 3	34.3
		May 21	43.0	Aug. 19	6.0		
		June 6	16.2				
		June 17	37.3				

POTTERSBURO CREEK AT LONDON

Station No. 02GD102

Location: At the bridge on Hamilton Road, about 0.1 mile east of the intersection with Gore Road in the City of London.

Gauge: Measuring point.

Drainage Area: 17.4 square miles.

Period of Record: May 1971 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	21.6	July 9	4.4	Oct. 8	3.0
		Apr. 23	12.1	July 29	7.0	Oct. 18	2.8
		May 8	7.0	Aug. 12	3.5	Oct. 31	3.3
		May 30	8.4	Aug. 24	2.8	Nov. 15	5.8
		June 8	5.8	Aug. 28	2.5	Nov. 27	8.4
		June 26	6.4	Sept. 19	2.8	Dec. 11	6.6

PRETTY RIVER AT COLLINGWOOD

Station No. 02ED104

Location: At the bridge on Hwy. 26 in the Town of Collingwood.Gauge: Staff.Drainage Area: 29.5 square miles.Period of Record: March 1973 to November 1974.Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 23	49.5	July 2	48.6	Oct. 1	10.4
		June 5	27.0	July 15	9.4	Oct. 21	12.6
		June 18	25.3	Aug. 1	8.9	Nov. 13	15.5
				Aug. 15	8.5		
				Sept. 17	9.0		

PRINGLE CREEK AT WHITBY

Station No. 02HD108

Location: At the old steel bridge below Victoria Street East,
in the Town of Whitby.

Gauge: Staff.

Drainage Area: 8.3 square miles.

Period of Record: July 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	8.6	July 9	5.6	Oct. 15	6.3
		June 12	6.8	July 24	5.5	Nov. 4	7.4
		June 27	8.0	Aug. 8	5.8	Nov. 15	4.6
				Aug. 22	5.9	Dec. 13	10.1
				Sept. 9	6.5		

RAWDON CREEK AT HWY. 33

Station No. 02HK105

Location: At the bridge on Hwy. 33, about 1 mile south
of the Village of Stirling.

Gauge: On-Stream Recorder.

Drainage Area: 66.3 square miles.

Period of Record: June 1970 to November 1974.

Remarks: Records good. Temporary on-stream recorder
installed June 1 to November 30, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		65.4	51.1	14.0	7.1	7.1	13.1	1
2		57.1	43.2	12.7	6.6	9.1	13.4	2
3		49.8	55.1	12.1	6.6	7.3	10.4	3
4		45.5	49.7	12.2	7.6	7.2	10.5	4
5		42.8	40.1	13.8	6.9	7.5	10.7	5
6		39.2	33.3	14.3	6.0	7.3	10.7	6
7		36.2	29.4	11.6	5.6	7.8	10.3	7
8		34.8	26.3	10.6	5.2	7.3	10.1	8
9		33.9	24.2	8.9	5.2	7.2	11.4	9
10		33.2	20.8	8.8	5.2	6.7	9.6	10
11		31.5	18.6	7.6	5.0	6.6	9.4	11
12		30.4	17.2	11.5	5.0	6.9	10.4	12
13		29.2	16.3	9.5		6.4	16.8	13
14		27.9	15.5	7.3		9.7	24.0	14
15		32.2	15.4	7.4		14.2	23.0	15
16		49.7	15.0	6.6		14.8	19.1	16
17		71.8	13.9	7.2		12.4	16.9	17
18		66.4	12.7	8.2		11.5	15.8	18
19		57.2	12.1	8.0		12.4	15.1	19
20		60.5	11.1	6.9		11.6	16.8	20
21		54.6	10.5	7.3		10.9	34.8	21
22		58.4	10.0	6.4		10.3	37.2	22
23		70.8	9.8	6.2		10.2	30.3	23
24		63.0	10.6	6.2		9.3	26.3	24
25		55.7	12.3	5.9		9.5	26.1	25
26		56.2	12.3	5.8		10.1	22.1	26
27		54.8	13.4	8.4	7.2	10.1	18.9	27
28		44.8	13.6	10.3	7.1	9.1	17.1	28
29		43.4	13.6	9.2	7.6	9.3	15.7	29
30		52.4	16.0	8.8	7.5	9.9	14.5	30
31			14.9	7.5		12.7		31

REDHILL CREEK AT HAMILTON

Station No. 02HB107

Location: At the bridge on Barton Street in the City of Hamilton.Gauge: Staff.Drainage Area: 20.4 square miles.Period of Record: May 1968 to December 1974.Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	13.6	July 4	3.2	Oct. 21	0.7
		May 7	6.9	July 17	1.6		
		May 14	39.2	Aug. 1	2.4		
		May 27	5.3	Aug. 19	1.1		
		June 12	2.5	Sept. 17	0.7		

ROCKY SUAGEEN RIVER BELOW MARKDALE

71

Station No. 02FC100

Location: At the culvert on Side Road 100, Township of Glenelg,
about 0.3 mile southwest of the Village of Markdale.

Gauge: Staff.

Drainage Area: 35.6 square miles.

Period of Record: July 1967 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 7	87.6	July 24	48.6	Oct. 10	32.1
		June 19	79.4	Aug. 8	43.6	Oct. 22	40.1
		June 30	59.7	Aug. 21	38.8	Nov. 21	65.4
				Sept. 5	35.1	Dec. 3	44.5
				Sept. 24	33.1		

SALEM CREEK NEAR COLBORNE

Station No. 02HK101

Location: About 200 feet upstream from the bridge on Blyth Road,
approximately 1.5 miles southeast of the Village of Colborne.

Gauge: Staff.

Drainage Area: 3.5 square miles.

Period of Record: November 1965 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	8.9	July 5	6.1	Oct. 1	4.4
		Apr. 24	7.0	July 13	4.8	Oct. 16	5.0
		May 14	8.2	Aug. 2	4.7	Nov. 14	9.8
		May 23	4.8	Aug. 15	4.0		
		June 6	4.8	Aug. 29	4.4		
		June 19	5.6	Sept. 19	4.6		

SAWMILL CREEK AT OTTAWA

Station No. 02LA105

Location: Near intersection of Bank Street and Riverside Drive
in the City of Ottawa.

Gauge: Staff.

Drainage Area: 13.0 square miles.

Period of Record: July to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 25	4.7	July 9	3.6	Oct. 3	2.4
				July 24	12.5	Oct. 7	2.9
				Aug. 8	3.2	Oct. 29	2.4
				Aug. 20	2.8	Nov. 13	11.5
				Aug. 28	1.2		
				Sept. 5	2.5		
				Sept. 11	1.3		
				Sept. 16	3.0		

SILVER CREEK NEAR COLLINGWOOD

Station No. 02ED105

Location: At the concrete culvert on Hwy. #26, about 4 miles west of the Town of Collingwood.

Gauge: On-Stream Recorder.

Drainage Area: 10.9 square miles.

Period of Record: May 1973 to November 1974.

Remarks: Records good. Temporary on-stream recorder installed July 17 to November 20, 1974.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				6.4	6.3	6.1	5.9	1
2				7.6	6.7	7.1	5.6	2
3			12.8	8.5	5.9	6.5	5.5	3
4				7.4	5.8	6.3	6.4	4
5		15.3		7.4	5.7	6.1	7.0	5
6				6.8	5.7	5.9	12.1	6
7	36.7			6.5	5.7	7.1	8.2	7
8				6.4	5.6	6.3	7.1	8
9				6.4	5.6	6.1	6.6	9
10				6.2	5.6	6.1	6.3	10
11				6.0	5.5		6.0	11
12				6.1	5.4		6.5	12
13				6.0	5.6		6.6	13
14				5.9	5.4		6.4	14
15				5.8	5.2		6.4	15
16				5.8	5.1		6.3	16
17			14.4	7.9	5.1		6.9	17
18			10.2	6.3	5.1		6.9	18
19		12.8	8.2	6.2	5.2		6.4	19
20			7.2	5.9	5.9		7.0	20
21			6.9	5.7	5.4	7.4		21
22			6.7	5.4	5.7	6.7		22
23	20.1		6.2	5.4	5.6	7.2		23
24			5.6	5.5	5.4	6.3		24
25			4.1	5.5	6.0	6.2		25
26			5.6	5.6	5.7	6.1		26
27			5.9	16.7	5.5	5.5		27
28			5.9	8.7	5.5	5.5		28
29			6.5	7.5	6.2	5.4		29
30			6.5	7.1	6.0	5.9		30
31			6.6	7.0		6.3		31

SILVER CREEK BELOW SEAFORTH

Station No. 02FF100

Location: At the bridge on Concession 2, Township of Tuckersmith,
about 0.5 mile southeast of the Town of Seaforth.

Gauge: Measuring point.

Drainage Area: 5.5 square miles.

Period of Record: May 1967 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	12.4	July 12	1.2	Oct. 7	0.7
		Apr. 23	30.5	July 31	0.7	Oct. 30	1.0
		May 8	4.7	Aug. 28	0.7	Nov. 14	4.6
		May 29	5.1			Nov. 26	45.5
		June 11	2.7			Dec. 12	8.0
		June 24	3.1				

SIX MILE CREEK NEAR ST. CATHARINES

Station No. 02HA102

Location: At the culvert on Lakeshore Road, about 2.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage Area: 8.1 square miles.

Period of Record: September 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	5.0	July 3	0.1	Oct. 21	0.1
		Apr. 25	4.0	July 17	N.F.		
		May 7	3.2	Aug. 1	N.F.		
		May 14	8.7	Aug. 22	N.F.		
		May 27	0.9	Sept. 17	0.1		
		June 11	0.1				

SMITHFIELD CREEK NEAR BRIGHTON

Station No. 02HD109

Location: At the concrete culvert on Northumberland County
Road 64, about 2.5 miles east of the Town of Brighton.

Gauge: Staff.

Drainage Area: 7.3 square miles.

Period of Record: May 1970 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	14.0	July 5	5.8	Oct. 1	3.4
		Apr. 24	12.2	July 11	2.3	Oct. 16	4.0
		May 14	18.4	July 18	3.0	Nov. 5	5.0
		May 23	8.1	Aug. 2	3.3	Nov. 14	7.4
		June 6	4.1	Aug. 15	2.7	Dec. 11	6.0
		June 19	5.6	Aug. 29	2.6		
				Sept. 19	2.6		
				Sept. 26	2.0		

STILL WATER CREEK NEAR OTTAWA

Station No. 02LA104

Location: At the bridge on Corkstown Road, upstream from Hwy. #17, about 2 miles west of the western City limits of Ottawa.

Gauge: Staff.

Drainage Area: 7.1 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	1.6	July 9	0.7	Oct. 29	0.5
		June 25	1.4	July 24	1.9	Nov. 13	7.2
				Aug. 8	0.6		
				Aug. 20	0.7		

STONE CREEK BELOW SELKIRK

Station No. 02GC100

Location: At the bridge on Haldimand County Road 7, about 0.3 mile south of the Hamlet of Selkirk.

Gauge: Staff.

Drainage Area: 45.5 square miles.

Period of Record: April 1967 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 8	6.0	July 8	0.5	Nov. 22	57.2
		May 15	46.9	July 18	0.3		
		May 28	2.3	Aug. 2	0.1		
		June 11	0.3	Aug. 19	0.1		
				Sept. 11	0.1		

STONEY CREEK BELOW STONEY CREEK

Station No. 12HB108

Location: At the culvert on Barton Street below the Town of Stoney Creek.

Gauge: Staff.

Drainage Area: 11.2 square miles.

Period of Record: July 1966 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	4.3	July 4	0.5	Oct. 21	0.1
		May 7	3.3	July 17	0.2	Oct. 30	0.4
		May 14	22.7	Aug. 1	0.4		
		May 27	1.5	Aug. 20	0.1		
		June 12	0.4	Sept. 17	N.F.		

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 8	11.9	July 11	0.6	Oct. 8	N.F.
		May 28	19.3	July 30	N.F.	Oct. 18	N.F.
		June 14	1.0	Aug. 13	1.8	Oct. 31	N.F.
		June 24	2.0	Aug. 15	0.8	Nov. 12	3.3
				Aug. 25	N.F.	Nov. 15	12.5
				Aug. 29	N.F.	Nov. 27	28.4
				Sept. 16	N.F.	Dec. 3	13.5
						Dec. 11	34.4

TAY RIVER AT PERTH

83

Station No. 02LA101

Location: At the bridge on Rogers Road in the Town of Perth.

Gauge: Staff.

Drainage Area: 257 square miles.

Period of Record: April 1971 to November 25, 1974.

Remarks: Records fair. Daily gauge reader August 23 to November 25, 1975.

Daily Discharge in Cubic Feet Per Second

1974								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1					167	139	91.0	1
2					167	185	91.0	2
3					171	128	85.0	3
4					220	139	88.0	4
5					180	139	73.0	5
6					180	135	76.0	6
7					180	132	79.0	7
8					180	128	79.0	8
9					171	132	82.0	9
10					171	128	82.0	10
11			161		175	125	52.0	11
12					175	121	55.0	12
13				197	175	118	55.0	13
14					175	114	61.0	14
15					180	114	49.0	15
16					190	111	82.0	16
17					171	107	91.0	17
18					171	104	91.0	18
19					171	107	49.0	19
20					163	107	52.0	20
21				178	155	107	55.0	21
22					151	107	58.0	22
23				167	151	100	73.0	23
24				171	147	104	79.0	24
25				167	151	159	76.0	25
26			112	163	147	88.0		26
27		157		167	143	76.0		27
28				167	147	91.0		28
29				167	159	91.0		29
30				163	180	91.0		30
31				165		91.0		31

TELFER CREEK AT LEITH

Station No. 02FB101

Location: At the small footbridge leading to the Golf Club
in the Hamlet of Leith.

Gauge: Staff.

Drainage Area: 16.0 square miles.

Period of Record: August 1966 to December 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 8	83.8	July 22	2.3	Oct. 10	10.1
		Apr. 22	37.7	Aug. 6	4.4	Oct. 22	13.2
		Mav 7	40.8	Aug. 19	1.9	Nov. 5	19.6
		Mav 21	30.2	Sept. 24	1.9	Dec. 3	32.4
		June 6	11.3				
		June 17	12.4				
		June 30	5.8				

NORTH THAMES RIVER NEAR MITCHELL

Station No. 02GD103

Location: At the bridge on Concession 4-5, Township of Logan,
about 2.0 miles north of the Town of Mitchell.

Gauge: Measuring point.

Drainage Area: 59.5 square miles.

Period of Record: June 1972 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	77.6	July 31	N.F.	Oct. 7	0.3
		Apr. 23	167.0	Aug. 14	N.F.	Oct. 17	0.5
		May 8	10.5	Aug. 26	N.F.	Nov. 14	2.8
		May 16	248	Aug. 28	N.F.	Nov. 26	32.2
		May 30	10.3			Dec. 12	4.1
		June 11	3.8				
		June 24	5.1				

SOUTH THAMES RIVER NEAR INNERKIP

Station No. 02GD105

Location: At the bridge on Concession 6, Township of Blandford,
about 0.5 mile southeast of the Police Village of Innerkip.

Gauge: Measuring point.

Drainage Area: 62.0 square miles.

Period of Record: June 1972 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 11	71.7	July 9	8.0	Oct. 7	4.4
		Apr. 24	158	July 29	5.8	Oct. 17	7.1
		May 8	23.0	Aug. 12	3.7	Oct. 30	5.4
		May 16	164	Aug. 24	9.6	Nov. 14	19.6
		May 30	21.9	Aug. 28	3.7	Nov. 26	37.4
		June 9	11.6	Sept. 18	2.7	Dec. 12	13.6
		June 23	26.4				

WHIRL CREEK AT MITCHELL

Station No. 02GD104

Location: At the bridge on Wellington Street in the Town of Mitchell.

Gauge: Measuring point.

Drainage Area: 51.6 square miles.

Period of Record: June 1972 to December 1974.

Remarks: Records good.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	70.4	July 12	0.8	Nov. 14	3.2
		Apr. 23	207	July 31	0.6	Nov. 26	26.1
		May 8	10.4	Aug. 14	0.5E	Dec. 12	2.5
		May 16	296	Aug. 26	0.5E		
		May 30	10.9	Sept. 18	0.5E		
		June 11	3.7				
		June 24	9.0				

WRIGHT CREEK NEAR BELLE VALLEE

Station No. 02JC101

Location: Downstream side of Brethour Township and Casey Township
Concession Road Bridge, 42 miles north of the Hamlet of
Belle Vallee.

Gauge: Measuring point.

Drainage Area: 91.0 square miles.

Period of Record: June to November 1974.

Remarks: Records fair.

1974							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	117	July 11	51.5	Oct. 2	281
						Nov. 6	99.8

SUMMER GAUGING SITE DATA

ANCASTER CREEK AT HAMILTON

Location: At the bridge on the west campus of McMaster University, about 0.2 mile above the confluence with Spencer Creek, in the City of Hamilton

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
15	42.6	11	7.2	4	7.9	2	4.5
28	11.9					19	4.9

AUSABLE RIVER NEAR CREDITON

Location: At the bridge on Stephen Twonship Side Road 1, about 2 miles southeast of the Police Village of Crediton.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		13	12.2	12	6.8	14	4.3
		24	43.6	31	3.1	26	0.8

LITTLE AUSABLE RIVER NEAR LUCAN

Location: At the bridge on Middlesex County Road 22,
about 2 miles west of the Village of Lucan.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
29	20.5	13	3.7	12	2.4	14	N.F.
		24	27.5			26	N.F.

AVON RIVER AT STRATFORD

Location: At the bridge on North Easthope Side Road 40,
about 1 mile east of the City of Stratford.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
16	44.9	8	7.1	9	5.5	12	4.5
30	11.2	23	9.4			24	4.7

BAXTER CREEK AT HIGHWAY 28

Location: At the bridge on Highway 28, about 1 mile south of the Hamlet of Fraserville.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
14	46.0	20	34.1	12	32.0	9	16.4
				24	26.4	23	13.9
						13*	15.7

*September

BEATTY SAUGEEN RIVER NEAR HANOVER

Location: At the bridge on Side Road 5, Township of Bentinck, about 2 miles southeast of the Town of Hanover.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		8	79.4	2	52.1	8	35.5
		19	135	24	41.9	21	22.0

BEAVERTON RIVER NEAR UXBRIDGE

Location: At the concrete culvert on Highway 47, about 1.5 miles east of the Town of Uxbridge.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
15	6.2	13	2.0	25	1.4	7	1.4
29	4.5	26	2.2			21	1.5
						10*	2.0

*September

BLACK RIVER NEAR SHARON

Location: At the culvert on Toronto-York County Road 13, about 2 miles east of the Police Village of Sharon

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
31	8.1	13	2.4	12	1.7	6	2.7
		21	3.3	26	2.1	20	2.7
						23	2.4
						19*	2.1

*September

BLUFFS CREEK NEAR ORILLIA

Location: At the bridge on the Orillia Township Line
2, about 0.4 mile east of Highway 11.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
9	88.0	4	9.7	4	21.5	2	11.2
22	12.5	12	8.8	10	7.9	9	7.1
30	12.1	20	10.7	17	6.5	16	6.7
		24	7.5	24	7.4	22	9.0
						18*	7.5

*September

ELBE CREEK NEAR ATHENS

Location: On County Road 5, about 1/2 mile south of the
Village of Athens

1974							
April		May		June		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	130	16	83.3	13	6.9	7	5.0
30	107	22	31.3	24	3.0		
		30	24.5				

FAIRY LAKE INFLOW AT ACTON

Location: 200 Feet upstream of the confluence of Fairy Lake and Creek near Acton.

1974							
June		July		August		September	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
21	5.1	17	1.4	14	0.4	11	1.5
		25	0.8	28	0.5	9*	0.7

*October

HAWKESTONE CREEK AT HAWKESTONE

Location: About 200 feet downstream from the Canadian National Railways bridge in the Police Village of Hawkestone.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
9	77.5	5	5.5	4	38.0	2	5.4
22	16.1	12	7.1	10	5.9	9	4.5
30	9.1	20	8.4	17	3.1	16	3.8
		24	4.9	24	4.8	22	3.9
						18*	4.4

*September

HOLLAND RIVER AT NEWMARKET

Location: At the bridge on Queen Street in the Town of Newmarket.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
31	21.5	13	10.3	12	7.1	6	6.0
		21	13.2	26	6.7	20	5.8
						23	4.4
						19*	6.3

*September

HOLLAND RIVER TRIBUTARY AT NEWMARKET

Location: At the bridge at Gorham and Hamilton Streets in the Town of Newmarket

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
31	5.0	13	1.6	12	2.0	6	2.2
		21	1.4	26	2.6	20	1.6
						23	1.5
						19*	1.5

*September

INDIAN RIVER AT HIGHWAY 7

97

Location: At the bridge on Highway 7, about 0.2 mile east of the Hamlet of Jermyn.

1974							
June		July		August		September	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
20	58.9	12	46.6	9	67.9	13	126
		24	37.8	23	74.3		

MASKINONGE RIVER NEAR RAVENSHOE

Location: Downstream of the culvert on Greenwood Drive, Lot 6, Concession 4, Township of Georgina about 1.5 miles northwest of the Hamlet of Ravenshoe.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		13	N.F.	12	N.F.	6	N.F.
		21	N.F.	26	N.F.		

NOISY RIVER AT DUNEDIN

Location: At the bridge on Simcoe County Road 9 in the Hamlet of Dunedin.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
23	63.0	5	46.1	15	23.6	14	20.7
		19	39.9	31	23.0	18*	15.4

*September

NORTH RIVER NEAR LOVERING

Location: At the township road bridge, Lot 4, Concession 3, Township of Matchedash, about 2 miles southeast of the Hamlet of Lovering.

1974							
June		July		August		September	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	56.6	3	17.6	2	58.1	17	22.0
		16	43.3	16	29.9		

NORTH WILTSE CREEK NEAR ATHENS

Location: On County Road 5, 1/2 mile south of the Village of Athens.

1974							
April		May		June		July	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
30	8.8	16	10.5	13	1.4	8	0.5
		22	5.0	24	0.9		
		30	4.4				

OSHAWA CREEK (EAST BRANCH) AT OSHAWA

Location: At the bridge on Simcoe Street about 0.5 mile north of Taunton Road in the City of Oshawa.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		6	12.9	9	9.5	8	10.1
		12	11.6	24	10.0	22	9.2
		27	11.6			9	10.4*

*September

OUSE RIVER AT NORWOOD

Location: About 40 feet downstream from the Canadian Pacific Railways bridge in the Village of Norwood.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
14	139	20	64.1	12	15.0	9	11.8
31	78.8			24	10.8	23	9.1
						13*	8.1

*September

PAINSWICK CREEK NEAR PAINSWICK

Location: At the culvert on the township road leading east from the Hamlet of Milnet Point.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
24	1.9	6	1.4	4	1.3	9	0.9
30	1.7	12	1.2	10	0.7	14	1.1
		20	1.2	17	0.5	22	1.2
		24	1.1	24	0.9	18*	1.2
				31	1.2		

*September

PAYNE RIVER NEAR BERWICK

Location: At the bridge on Concession 6, Township of Finch, about 1 mile northeast of the Hamlet of Berwick.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	87.9	13	12.1	8	5.6	7	11.6
30	83.0	24	14.5	23	5.0		

PEPPERLAW BROOK NEAR SANDFORD

Location: At the bridge on Toronto-York County Road 11, about 2 miles west of the Hamlet of Sandford.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
30	27.2	13	16.9	11	13.8	7	14.3
		26	13.7	25	17.7	17	35.9
						10*	17.0

*September

PINE RIVER AT ANGUS

Location: At the bridge on King Street in the Police Village of Angus.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
24	210	6	141	3	493	14	76.2
		18	123	15	94	18*	66.7
				31	91.6		

*September

RAMBO CREEK AT BURLINGTON

Location: At the bridge at Junction Street and Lakeshore Road in the Town of Burlington.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
7	1.5	11	0.4	4	0.5	2	0.4
15	10.4			18	0.3	19	0.3
27	1.7						

SAUBLE RIVER NEAR ALLENFORD

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Location: At the side of Highway 21, about 0.3 mile west of the Police Village of Allenford.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
21	122	6	43.2	1	23.6	6	20.1
		18	95.2	22	13.3	19	11.3

SAUGEEEN RIVER NEAR PRICEVILLE

Location: At the bridge on Concession 2, Township of Glenelg, about 1.5 miles southeast of the Police Village of Priceville.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
21	136	7	20.6	24	4.9	8	6.0
		19	43.9			21	3.7
		30	9.7				

SOUTH SAUGEEEN RIVER NEAR MOUNT FOREST

Location: At the bridge on Side Road 1, Township of Arthur, about 0.6 mile southwest of the Town of Mount Forest.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
23	150	8	31.0	24	14.3	8	14.1
		19	57.9				
		30	26.6			21	10.2

STORY CREEK AT NORTH BROOK

Location: At the bridge on Highway 41 in the Hamlet of North Brook.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
28	23.7	17	14.4	3	7.4		
				16	2.7		
				31	5.5		

STURGEON RIVER NEAR STURGEON BAY

Location: At the bridge on Concession 8, Township of Tay about 0.25 mile upstream of the Hamlet of Sturgeon Bay.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
23	42.1	5	36.5	16	18.4	1	28.9
		20	35.2			15	22.6

SYDENHAM RIVER TRIBUTARY BELOW STRATHROY

Location: At the bridge on Middlesex County Road 2, about 1 mile west of the Hamlet of Cairngorm.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
29	33.5	13	11.7	11	8.7	15	6.2
		25	9.8			25	4.9

TEESWATER RIVER NEAR RIVERSDALE

Location: At the bridge on Highway 9, about 0.1 mile east of the Hamlet of Riversdale.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
21	465			23	46.2	7	54.2
						20	43.8

THAMES RIVER TRIBUTARY AT EMBRO
(NORTH BRANCH CREEK)

Location: At the bridge on Oxford County Road 6, about 0.1 mile north of the Canadian Pacific Railways bridge, in the Village of Embro.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
16	77.6	9	10.2	9	8.9	12	6.2
30	19.6	24	16.2			24	5.7

TWELVE MILE CREEK NEAR DECEW FALLS

Location: At the bridge on 1st Street South in the Hamlet of Decew Falls.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
7	14.4	12	8.0	3	8.8	1	6.9
14	27.3			17	6.4	22	6.5
27	12.6					17*	5.7

*September

TWENTY MILE CREEK AT SMITHVILLE

Location: At the bridge on Canborough Street in the Police Village of Smithville.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
7	18.9	12	1.2	3	7.7	1	0.1
27	12.5			17	0.4	22	0.2

UXBRIDGE BROOK AT UDORA

Location: At the bridge on Ontario County Road 21
in the Hamlet of Udora.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
30	39.1	13	19.8	11	20.2	7	28.0
		26	19.8	25	14.4	27	27.0
						16*	20.3

*September

VROOMAN CREEK NEAR CANNINGTON

Location: At the junction of Ontario County Road 12
and Highway 12, about 2.5 miles west of the
Village of Cannington

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
15	86.3	13	1.6	25	0.1	7	7.7
29	4.0	26	0.2			27	7.3
						10*	1.5

*September

WILLOW CREEK NEAR MINESING

Location: At the bridge on Highway 26 near the Hamlet of Minesing.

1974							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
24	97.5	5	42.2	3	20.3	14	27.5
		20	50.5	15	25.8	18*	28.9
				31	32.8		

* September



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